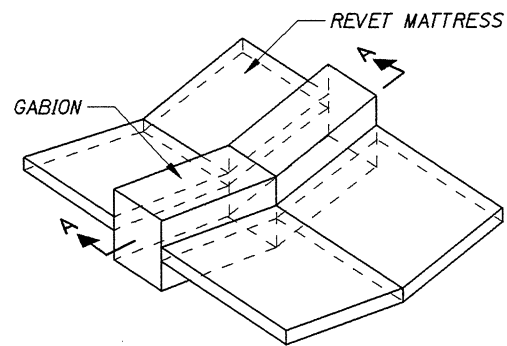
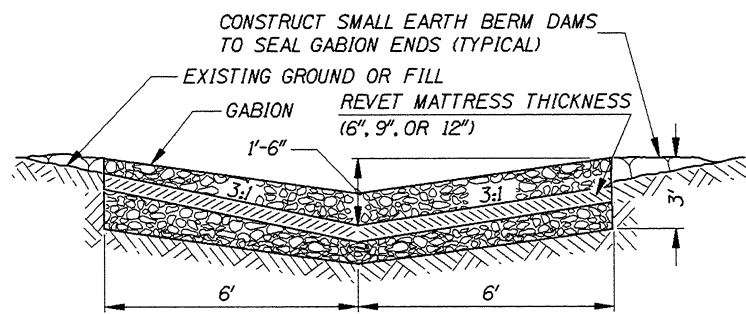


DIMENSIONS SHOWN ARE FOR EXAMPLE ONLY. ACTUAL DIMENSIONS SHALL BE DETERMINED BY SITE CONDITIONS.

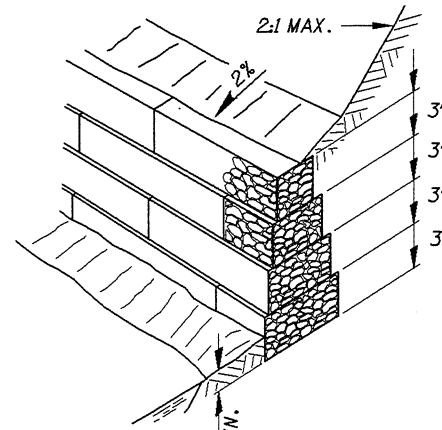
GABIONS



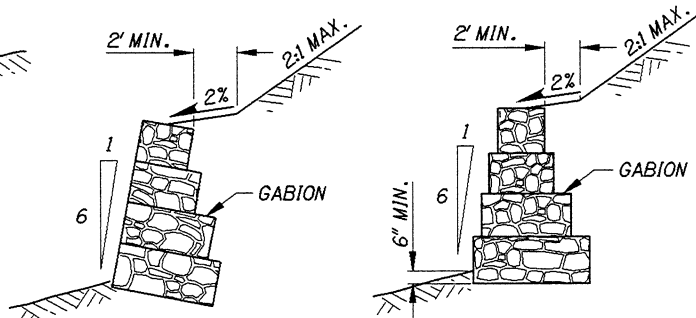
REJET MATTRESSES AND GABIONS



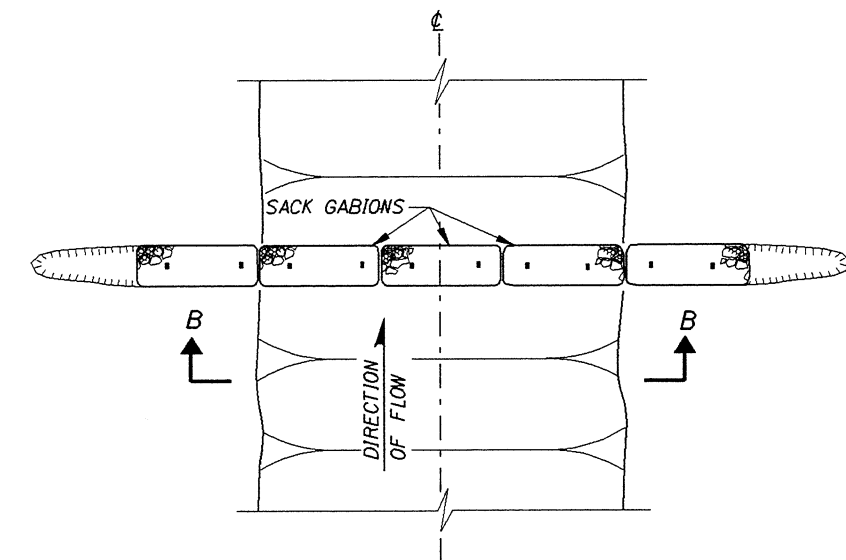
SECTION A-A



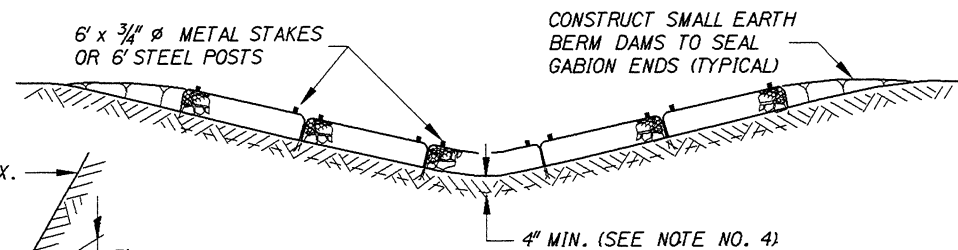
ISOMETRIC DETAIL



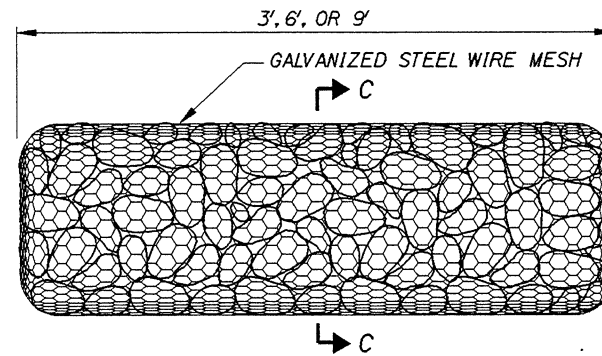
SMOOTH FACE
GABION RETAINING WALLS



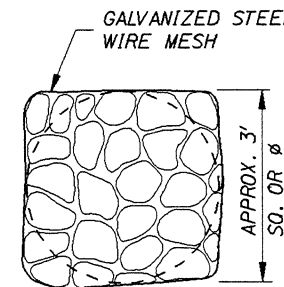
PLAN VIEW



SECTION B-B



SACK GABION



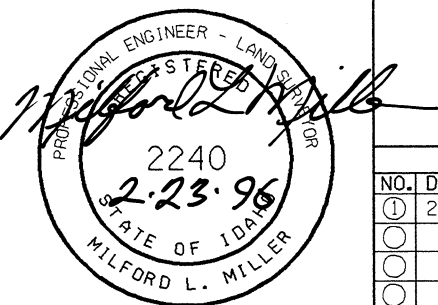
SECTION C-C

GENERAL NOTES FOR PERMANENT EROSION CONTROL

1. ALL PERMANENT EROSION CONTROL DEVICES SHOWN ON THE P-2 SERIES STANDARD DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ITD CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES (BMP'S).
2. SITE DIMENSIONS, PLACEMENT, AND PAYMENT FOR PERMANENT EROSION CONTROL DEVICES SHALL BE AS SET FORTH IN THE PLANS AND SPECIAL PROVISIONS.
3. THE NEED OF PERMANENT EROSION CONTROL DEVICES SHALL BE DETERMINED BY SITE DESIGN. MODIFICATIONS TO THOSE INSTALLATIONS SHALL BE APPROVED BY THE ENGINEER.
4. THE PERMANENT EROSION CONTROL DEVICES ARE INTENDED TO LAST MORE THAN ONE SEASON (3 MONTHS) BUT NOT MORE THAN THE DURATION OF THE CONSTRUCTION PROJECT. DEVICES INTENDED TO LAST FOR THE LIFE OF THE ROADWAY AND INTEGRATED INTO THE FINAL EROSION CONTROL SYSTEM SHALL BE A SPECIAL DRAWING DETAIL IN THE PLANS.
5. PRIOR TO CONSTRUCTION THE APPROPRIATE NUMBER AND COMBINATION OF PERMANENT EROSION CONTROL DEVICES SHALL BE PLACED ON EACH DRAINAGE SYSTEM IMPACTED.

NOTES

1. ALL APPROPRIATE PERMITS SHALL BE OBTAINED BEFORE EROSION DEVICES ARE PLACED IN STREAMS AND/OR CHANNELS.
2. GABIONS AND REJET MATTRESSES MAY BE USED FOR PERMANENT AND/OR TEMPORARY EROSION CONTROL. SMALLER SIZED REJET MATTRESSES AND GABIONS SHOULD BE USED FOR TEMPORARY EROSION CONTROL (3 MONTHS OR LESS) INSTALLATIONS.
3. THE DISCHARGE THROUGH OR OVER REJET MATTRESSES AND/OR GABIONS SHOULD BE DIRECTED ONTO A STABILIZED AREA SUCH AS VEGETATION AND/OR STONE.
4. GABIONS AND REJET MATTRESSES SHOULD BE EMBEDDED A MINIMUM OF 4" INTO THE EXISTING GROUND.
5. GABIONS MAY BE STAIR STEPPED FOR STEEP SLOPE PROTECTION AND PLACED IN HIGH VELOCITY STREAMS AS ENERGY DISSIPATORS.
6. ALL SACK GABIONS SHOULD BE SECURED WITH 6' x 3/4" Ø METAL STAKES OR 6' STEEL POSTS.
7. THE WIDTH OF THE GABION OUTLET WEIR WILL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
8. GABIONS MAY BE USED WITH REJET MATTRESSES TO FORM EROSION CONTROL DAMS AND SHOULD BE INSTALLED SO THAT THE CHANNEL CAPACITY IS NOT RESTRICTED SHOULD THE DEVICE TOTALLY SILT-UP. REJET MATTRESSES MAY BE USED AS A CHANNEL LINER TO DETER EROSION AND TO INTERCEPT SEDIMENT LADEN RUNOFF.
9. 6" REJET MATTRESSES WILL USUALLY PROMOTE VEGETATION FOR SIDE SLOPES THAT ARE NOT CONTINUALLY SUBMERGED IN WATER. 9" REJET MATTRESSES MAY BE USED TO LINE LARGE CHANNELS OR STREAMS WITH GREATER FLOW RATES OR IN SOILS THAT ERODE EASILY. 12" REJET MATTRESSES MAY BE USED TO LINE LARGE STREAMS AND RIVERS.
10. REJET MATTRESSES USED FOR SLOPE REVETMENT SHALL BE PREVENTED FROM SLIDING OR SHIFTING BY SECURING WITH METAL POST OR STAKES.
11. NOT TO SCALE.



REVISIONS							
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IDAHO
TRANSPORTATION
DEPARTMENT
BOISE, IDAHO

IDAHO
TRANSPORTATION
DEPARTMENT
CHIEF OF HIGHWAY OPERATIONS
CHIEF ENGINEER

STANDARD DRAWING

PERMANENT EROSION CONTROL
GABIONS & REJET MATTRESSES

FORM CATALOG NUMBER
STANDARD DRAWING NO.
P-2-A
SHEET 1 OF 1